

## Asthma-Allergy Denmark

2014

### Criteria for Duvets, Quilts, Comforters and Pillows

The label, Certified by Asthma-Allergy Denmark, may be awarded to duvets, quilts, comforters and pillows, if the products meet the requirements set in this document.

The requirements are made to help people who would like to minimise the risk of getting contact allergy. The requirements focus on contact allergy and respiratory irritation.

### *General Requirements to Obtain the Label, Certified by Asthma-Allergy Denmark*

Products, Certified by Asthma- Allergy Denmark, may not contain the following substances:

- ❖ Fragrance
- ❖ Essential oil
- ❖ Colorants
- ❖ Optical brighteners
- ❖ Formaldehyde
- ❖ Formaldehyde releasers
  - ◆ Benzylhemiformal
  - ◆ 2-bromo-2-nitropropane-1,3-diol
  - ◆ 5-bromo-5-nitro-1,3-dioxane
  - ◆ Diazolidinyl Urea
  - ◆ DMDM Hydantoin
  - ◆ Midiazolidinyl Urea
  - ◆ Methenamine
  - ◆ Paraformaldehyde
  - ◆ Sodium Hydroxymethylglycinate
  - ◆ Quaternium-15
- ❖ Substances which sole purpose are making the product look better (unnecessary substances)

The products may not contain substances that are known to cause contact allergy and/or cause irritation on skin or the respiratory system.

The products will be evaluated and assessed with regards to the risk of allergy based on the product composition. To make this assessment Asthma-Allergy must receive information on all substances present in the final product stated with INCI-names (if possible, otherwise chemical name), CAS-no., concentrations

and functions of each substance. Safety datasheets must be submitted for all ingredients. All processes to make the product must be described along with the chemicals used in each process.

The assessments will be based on scientific knowledge from published articles and databases like Toxline, Medline and Environmental Health and Toxicology.

These requirements also apply for the textiles and threads used to make the products.

### *Special Requirements to Fillings (Feathers and Downs)*

- ❖ The oxygen number (the amount of foreign organic materials in the filling) is said to be clean at a value of 20. Asthma-Allergy Denmark requires the number to be 6.4 to make the filling extra clean.
- ❖ Turbidity (the amount of foreign inorganic materials in the filling e.g. dust and sand) is said to be clean at a value of 300. Asthma-Allergy Denmark requires the number to  $\geq 500$  to make the filling extra clean.
- ❖ To ensure an effective wash of the product, the filling must have a low content of loose fibres and other elements.

All processes must be described in cleaning the feathers and down along with the chemicals used in the processes.

### *Special Requirements to Textiles*

- ❖ The weaving of the textiles must be limiting for the penetrability of dust mites through the textile. (PAS 08).
- ❖ The textile must be washed at 60 °C before sewing.

All processes must be described along with the chemicals used in the processes. (Including post- and pre-treatments of the textile and the substances that are washed out of the textile).

### *Special requirements to the Final Products*

- ❖ The final product must be washable at 60 °C at the consumers.
- ❖ All parts of the product must be placed on dry places, above ground during storage and transport in order to minimise the risk of dampness and growth of fungi, post production.
- ❖ Unnecessary treatments of the product are not allowed, like undocumented mite treatments or unnecessary softening treatments.